

# How can I use VBA to convert strings to lower case?

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## RECOMMENDED CITATION

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VBA (Visual Basic for Applications) is a programming language used to automate tasks in Microsoft Office applications. One of its useful functions is converting strings to lower case, which can be achieved by utilizing the "StrConv" function. This function takes two arguments - the string to be converted and the conversion type, in this case "vbLowerCase" - and returns the converted string in lower case. By incorporating this function in a VBA code, one can easily convert strings to lower case and automate the process for efficient data management. This feature is particularly useful for data cleaning and standardization purposes.

## Convert Strings to Lower Case Using VBA

You can use the LCase function in VBA to convert strings to lowercase.

You can use the following syntax to convert a range of cells with strings to lowercase:

```
Sub ConvertToLowerCase()
```

```
Dim i As Integer
```

```
For i = 2 To 10
```

```
Range("B" & i) = LCase(Range("A" & i))
```

```
Next i
```

```
End Sub
```

This particular example will convert each string in the range A2:A10 to lowercase and display the results in

the range B2:B10.

The following example shows how to use this syntax in practice.

**Example: Convert Strings to Lowercase Using VBA**

Suppose we have the following column of strings in Excel:

	A	B	C	D	E
1	<b>String</b>				
2	turtle				
3	cool elephant				
4	fast CHEETAH				
5	SLOW pig				
6	Tall giraffe				
7	heavy hippo				
8	Ostrich				
9	a cool snail				
10	monkey				
11					
12					
13					
14					
15					
16					
17					

Suppose we would like to convert each string in column A to lowercase and display the results in column B:

**We can create the following macro to do so:**

```
Sub ConvertToLowerCase()
```

```
Dim i As Integer
```

```
For i = 2 To 10
```

```
Range("B" & i) = LCASE(Range("A" & i))
```

```
Next i
```

```
End Sub
```

**When we run this macro, we receive the following output:**

	A	B	C	D	E
1	<b>String</b>	<b>Lowercase</b>			
2	turtle	turtle			
3	cool elephant	cool elephant			
4	fast CHEETAH	fast cheetah			
5	SLOW pig	slow pig			
6	Tall giraffe	tall giraffe			
7	heavy hippo	heavy hippo			
8	Ostrich	ostrich			
9	a cool snail	a cool snail			
10	monkey	monkey			
11					
12					
13					
14					
15					
16					
17					
18					
19					

**Column B displays each string in column A in lowercase.**

**Note: You can find the complete documentation for the LCase function in VBA .**